

CLAIM AMENDMENTS

Please cancel claims 16-20, without prejudice.

Please amend claim 2 as follows.

Please add new claim 21 as follows.

1. (Original) A composition comprising a plurality of polynucleotides having the nucleic acid sequences of SEQ ID NOs: 1-13 or the complements thereof.

2. (Currently Amended) An isolated polynucleotide comprising a nucleic acid sequence selected from SEQ ID NOs: ~~1-13~~ 1 and 8 and the complements thereof.

3. (Original) A composition comprising a polynucleotide of claim 2 and a labeling moiety.

4. (Original) A method of using a polynucleotide to screen a plurality of molecules to identify at least one ligand which specifically binds the polynucleotide, the method comprising:

a) combining the composition of claim 1 with a plurality of molecules under conditions to allow specific binding; and

b) detecting specific binding, thereby identifying a ligand which specifically binds a polynucleotide.

5. (Original) The method of claim 4 wherein the composition is attached to a substrate.

6. (Original) The method of claim 4 wherein the molecules to be screened are selected from DNA molecules, RNA molecules, peptide nucleic acids, mimetics, and proteins.

7. (Original) A method of using a polynucleotide to purify a ligand, the method comprising:

a) combining the polynucleotide of claim 2 with a sample under conditions to allow specific binding;

b) recovering the bound polynucleotide; and

c) separating the ligand from the bound polynucleotide, thereby obtaining purified ligand.

8. (Original) The method of claim 7 wherein the polynucleotide is attached to a substrate.

9. (Original) A method for using a polynucleotide to detect gene expression in a sample, the method comprising:

a) hybridizing the composition of claim 1 to a sample thereby forming at least one hybridization complex;

b) detecting complex formation, wherein complex formation indicates gene expression in the sample.

10. (Original) The method of claim 9 wherein the polynucleotides of the composition are attached to a substrate.

11. (Original) The method of claim 9 wherein the sample is from pancreatic tissue.

12. (Original) The method of claim 9 wherein gene expression is compared to standards and indicates the presence of type I diabetes.

13. (Original) A vector comprising a polynucleotide of claim 2.

14. (Original) A host cell comprising the vector of claim 13.

15. (Original) A method for using a host cell to produce a protein, the method comprising:

a) culturing the host cell of claim 14 under conditions for expression of the protein;
and

b) recovering the protein from cell culture.

16.-20. (Canceled)

21. (New) An isolated polynucleotide, or the complement thereof, encoding a polypeptide having an amino acid sequence of SEQ ID NO:14 or SEQ ID NO:15, or a naturally occurring variant having at least 95% sequence identity to the amino acid sequence of SEQ ID NO:14 or SEQ ID NO:15.